Updated: August 1, 2016

Appendix 4: Grading Process

Grade A	a. Low P + Low T (AA, AT and all HH1 endpoints).
Grade B	a. Moderate P; or b. Moderate B; or c. Moderate AA; or d. Moderate AT or one or more HH1 endpoints.
Grade C	a. Moderate P + Moderate B + Moderate T (AA, AT, or one of the HH1 endpoints); or b. High P + High B; or c. High P + Moderate T (AA, AT, or any one of the HH1 endpoints); or d. High B + Moderate T (AA, AT, or any one of the HH1 endpoints); or e. Very High T (AA or AT).
Grade F	a. PBT = High P + High B + [Very High T (AA or AT) or High T (HH1)]; or b. vPvB = very High P + very High B; or c. vPT = very High P + [very High T (AA or AT) or High T (HH1)]; or d. vBT = very High B + [very High T (AA or AT) or High T (HH1)]; or e. CMR = High T (HH1).

Please note:
These appendices are updated frequently and may be outdated. Updated versions are available on the QCAT website at www.ecy.wa.gov/GreenChemistry/QCAT.html. Go to the website and check the dates to make sure you are using the most current version.

[1]Legend:

AA	=	**Acute Aquatic Toxicity**	**D**	=	**Developmental Toxicity (incl. developmental neurotoxicity)**	**M**	=	**Mutagenicity/Genotoxicity**
AT	=	**Acute Mammalian Toxicity**	**E**	=	**Endocrine Activity**	**R**	=	**Reproductive toxicity**
B	=	**Bioaccumulation**	**F**	=	**Flammability**	**vB**	=	**Very Bioaccumulative**
C	=	**Carcinogenicity**	**HH1**	=	**Human Health Group 1 (C, M/G, R, D & E)**	**vP**	=	**Very Persistent**
			HH2	=	**Human Health Group 2 (AT)**			

Note: The assignment of grades is based upon the benchmarking process described in the GS®. The GS® benchmarking process was formulated during extensive discussions with nationally recognized experts in the various hazard criteria. These experts functioned as the Technical Advisory Committee during the update and expansion of the GS® Version 1.2. The intent of this discussion, however, was to provide a reproducible method of assigning degrees of concern based upon the results of the GS® assessment. For the purposes of the QCAT, a similar process is used as found in the GS® after the seven hazard criteria not used in the QCAT have been removed.